

FIG. 2

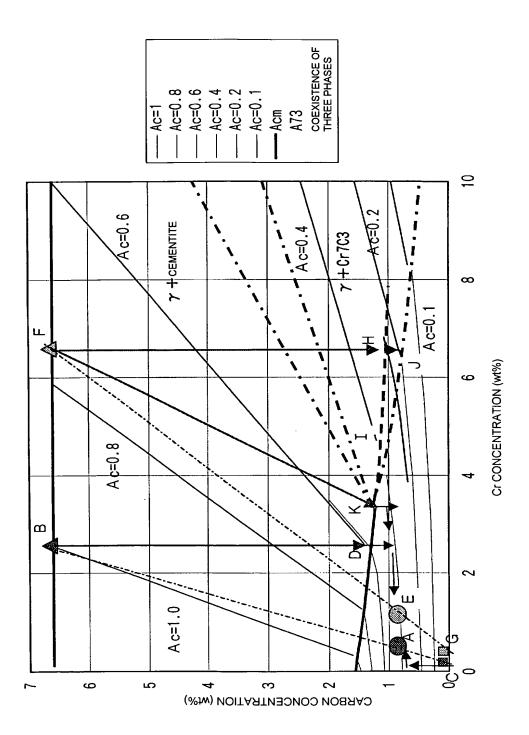


FIG. 3

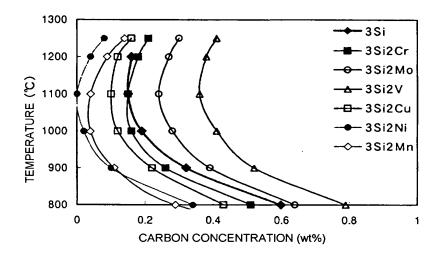
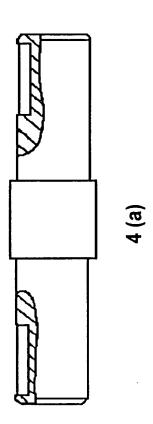
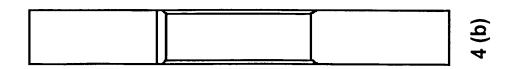
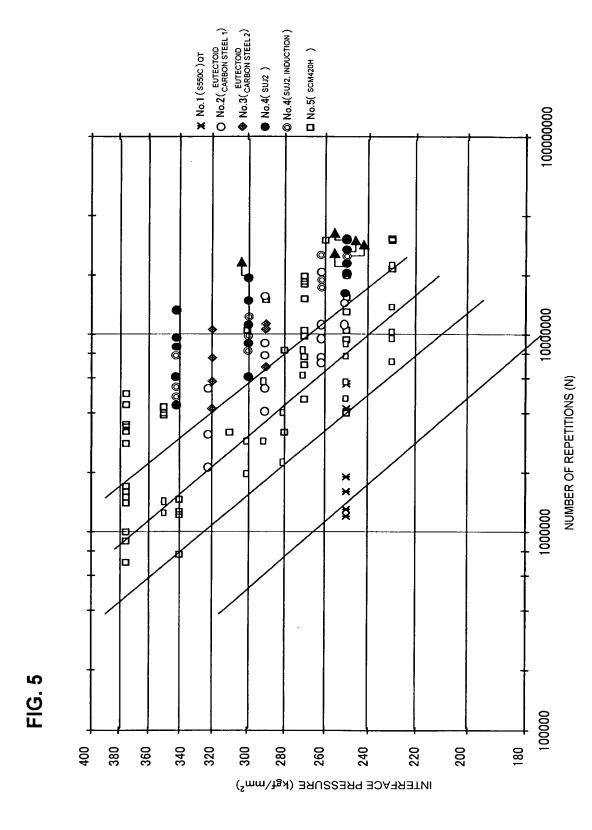


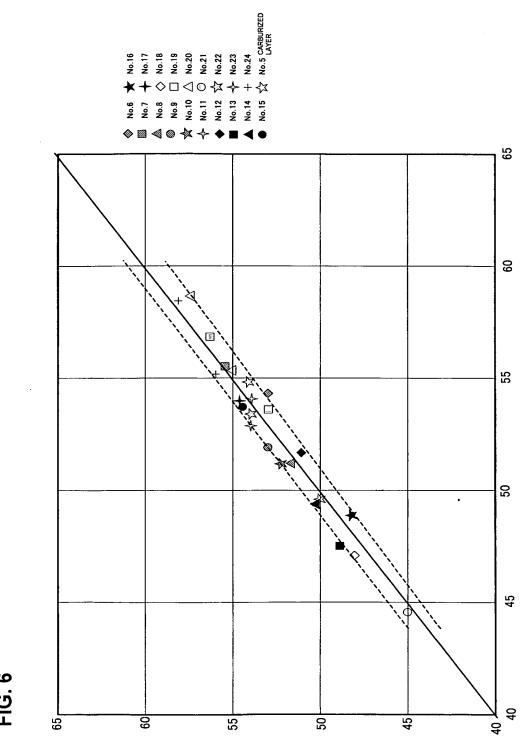
FIG. 4







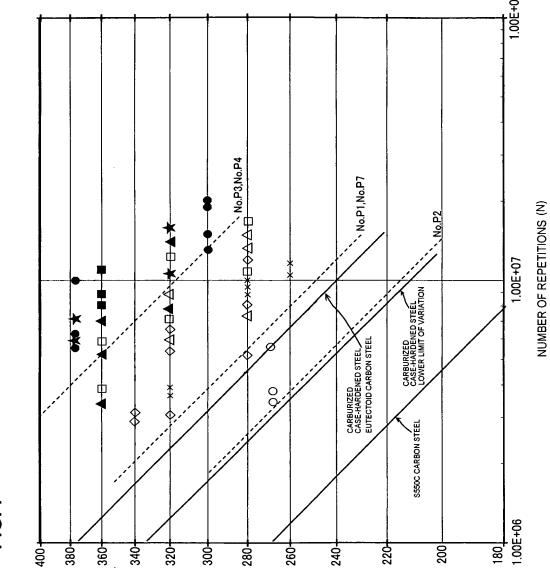




CALCULATED HARDNESS (HRC)

MEASURED HARDNESS (HRC)





 $(k_{\rm g} {\rm f/mm}^{\rm S})$

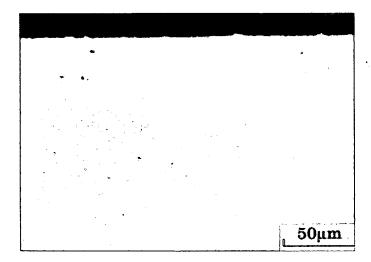
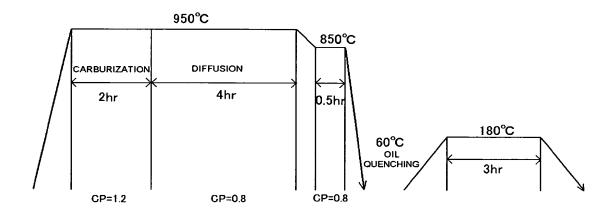


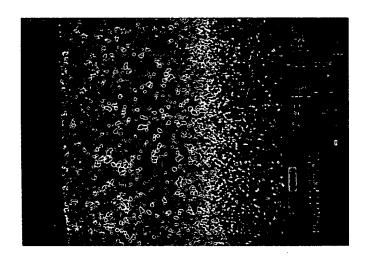
FIG. 9



No.G1 No.G2 No.G3 No.G4 No.G5 GCQT CARBURIZED
CASE-HARDENED STEEL
LOWER LIMIT OF VARIATION CARBURIZED
CASE-HARDENED STEEL
LUTECTOID CARBON STEEL S550C CARBON STEEL FIG. 10 2204 280-200 360 300 260-240-380-INTERFACE PRESSURE $(k_{\rm gf}/mm^2)$

NUMBER OF REPETITIONS (N)

FIG. 11



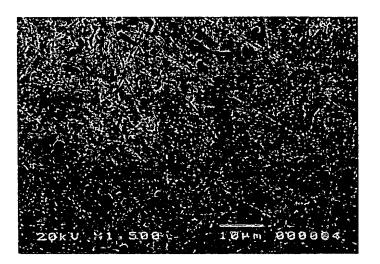


FIG. 13

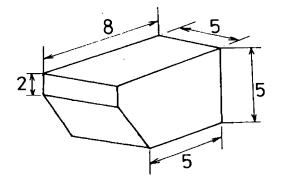
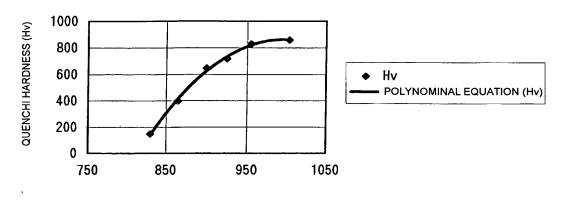
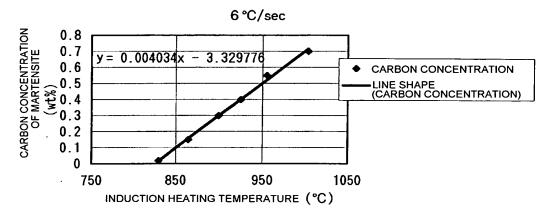


FIG. 14



14 (a)



14 (b)

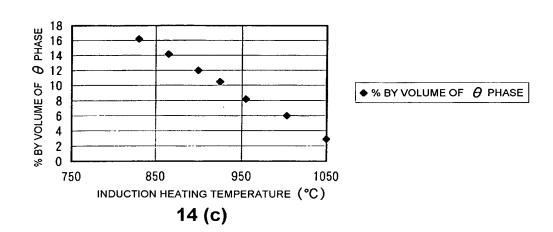
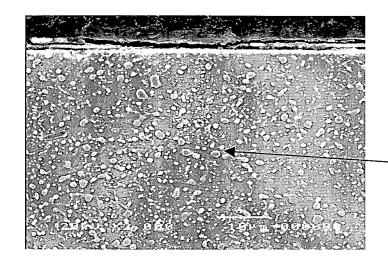


FIG. 15



GRANULAR CEMENTITE 8.8wt% Cr

FIG. 16

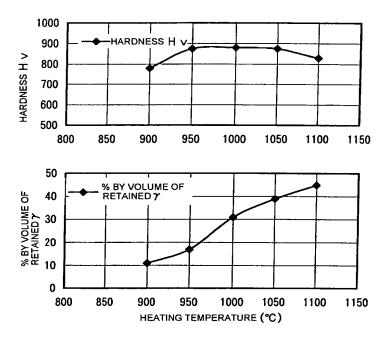
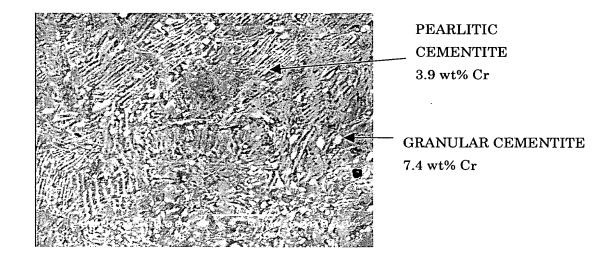


FIG. 17





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